

CPC**COOPERATIVE PATENT CLASSIFICATION****E03C**

DOMESTIC PLUMBING INSTALLATIONS FOR FRESH WATER OR WASTE WATER (not connected to either water-supply main or to waste pipe [A47K](#); devices of the kind used in the ground [E03B](#), F); **SINKS**

E03C 1/00

Domestic plumbing installations for fresh water or waste water; Sinks {(work tops [A47B 77/02B](#))}

E03C 1/01

- . for combinations of baths, showers, sinks, wash-basins, closets, urinals, or the like {(combinations of baths, douches, or the like, [A47K 4/00](#); cell-like units for special technical purposes [E04B 1/34869](#); panels adapted for locating conduits [E04C 2/52](#); ducts for installation lines [E04F 17/08](#))}

E03C 1/02

- . Plumbing installations for fresh water

E03C 1/021

- .. {Devices for positioning or connecting of water supply lines (connection to the tap body [E03C 1/0403](#))}

E03C 1/023

- ... {with flow distribution, e.g. diverters}

E03C 1/025

- .. {Water supply lines as such, e.g. shower hoses}

E03C 1/04

- .. Water-basin installations specially adapted to wash-basins or baths (valves, faucets, mixing valves, taps [F16K](#))

E03C 1/0401

- ... {Fixing a tap to the sanitary appliance or to an associated mounting surface, e.g. a countertop}

E03C 1/0402

- {with mounting from only one side}

E03C 1/0403

- ... {Connecting the supply lines to the tap body}

E03C 1/0404

- ... {Constructional or functional features of the spout}

E03C 1/0405

- {enabling multiple spray patterns}

E03C 1/0407

- {Spouts for unpressurized outflow of water}

E03C 1/0408

- ... {Water installations especially for showers ([E03C 1/06](#) takes precedence; shower heads [B05B 1/18](#))}

E03C 1/0409

- {Shower handles}

E03C 1/041

- ... {having provisions against scalding, e.g. temperature limiting devices, external covers}

E03C 1/0411

- ... {Taps specially designed for dispensing boiling water}

E03C 1/0412

- ... {Constructional or functional features of the faucet handle (valve actuating members as such [F16K 31/60](#))}

E03C 1/042

- ... Arrangements on taps for wash-basins or baths for connecting to the wall

E03C 1/044

- ... having a heating or cooling apparatus in the supply line (water heaters, e.g. with continuous flow, [F24H](#))

E03C 1/046

- ... Adding soap, disinfectant, or the like in the supply line {or at the water outlet}(preventing contamination of drinking-water pipes [E03C 1/10](#))

E03C 1/0465

- [N: by mounting an independent soap dispenser to outlet of tap

E03C 1/048

- ... supplying water through two or more openings around or along one side of the water-basin

- E03C 1/05 .. Arrangements of devices on wash-basins, baths, sinks, or the like for remote control of taps ([remote control of taps or the like per se F16K](#))
- E03C 1/052 ... {Mechanical devices not being part of the tap, e.g. foot pedals}
- E03C 1/055 ... {Electrical control devices, e.g. with push buttons, control panels or the like}
- E03C 1/057 {touchless, i.e. using sensors}
- E03C 1/06 .. Devices for suspending or supporting the supply pipe or supply hose of a shower-bath ([showers per se A47K 3/28](#))
- E03C 1/063 ... { with reciprocating mechanisms ([reciprocating mechanisms for massage, other than showers A61H 2201/1669](#))}
- E03C 1/066 ... { allowing height adjustment of shower head}
- E03C 1/08 .. Jet regulators {or jet guides}, e.g. anti-splash devices
- E03C 1/084 ... Jet regulators with aerating means
- E03C 1/086 ... Jet regulators or jet guides, easily mountable on the outlet of taps
- E03C 1/10 .. Devices for preventing contamination of drinking-water pipes, e.g. means for aerating self-closing flushing valves ([vacuum-breakers in general F16K, F16L](#))
- E03C 1/102 ... { using an air gap device}
- E03C 1/104 ... { using a single check valve}
- E03C 1/106 ... { using two or more check valves}
- E03C 1/108 ... { having an aerating valve}

- E03C 1/12 . Plumbing installation for waste water; Basins or fountains connected thereto ([drainage devices in floors E03F 5/04](#)); Sinks {([wash-basins not connected to the waste-pipe A47K 1/04](#))}
- E03C 1/122 .. Pipe-line systems for waste water in building ([pipe-line systems in general F17D](#))
- E03C 1/1222 ... { Arrangements of devices in domestic waste water pipe-line systems}
- E03C 1/1225 { of air admittance valves ([structural details of air admittance valves F16K 24/06](#))}
- E03C 1/1227 { of pumps for facilitating drawing off}
- E03C 1/126 .. Installations for disinfecting or deodorising waste-water plumbing installations
- E03C 1/14 .. Wash-basins connected to the waste-pipe
- E03C 1/16 .. Wash-fountains connected to the waste-pipe
- E03C 1/18 .. Sinks, whether or not connected to the waste-pipe
- E03C 1/181 ... Anti-splash devices in sinks ([jet regulators E03C 1/08](#))
- E03C 1/182 ... connected to the waste-pipe
- E03C 1/184 adapted for attachment of washing machines or heating or cooling devices ([washing machines for attachment D06F 7/00](#))
- E03C 1/186 ... Separate partition walls, lids, protecting borders, or the like, for sinks
- E03C 1/20 .. Connecting baths or bidets to the wastepipe
- E03C 1/22 .. Outlet devices mounted in basins, baths, or sinks ([stoppers A47K 1/14](#))
- E03C 1/23 ... with mechanical closure mechanisms
- E03C 1/2302 { the actuation force being transmitted to the plug via rigid elements}
- E03C 1/2304 { the actuation force being transmitted to the plug via flexible elements, e.g. chain, Bowden cable}
- E03C 1/2306 { the plug being operated by hand contact}
- E03C 1/2308 {actuated by rotating the wash-basin}

E03C 1/232	....	combined with overflow devices (overflow devices for basins or baths per se E03C 1/24)
E03C 1/24	..	Overflow devices for basins or baths (E03C 1/232 takes precedence)
E03C 1/242	...	automatically actuating supply or draining valves
E03C 1/244	...	Separate devices to be placed on the outlet opening
E03C 1/26	..	Object-catching inserts or similar devices for waste pipes or outlets (E03C 1/28 takes precedence)
E03C 1/262	...	combined with outlet stoppers
E03C 1/264	...	Separate sieves or similar object-catching inserts
E03C 1/266	...	Arrangement of disintegrating apparatus in waste pipes or outlets; Disintegrating apparatus specially adapted for installation in waste pipes or outlets
E03C 1/2665	....	{Disintegrating apparatus specially adapted for installation in waste pipes or outlets (disintegrating apparatus per se B02C)}
E03C 1/28	..	Odour seals
E03C 1/281	...	{ using other sealants than water }
E03C 1/282	...	combined with additional object-catching devices
E03C 1/284	...	having U-shaped trap
E03C 1/286	....	having hand-operated valves against return of waste water
E03C 1/288	....	having non-return valves against return of waste water (E03C 1/286 takes precedence)
E03C 1/29	...	having housing containing dividing wall, e.g. tubular
E03C 1/292	....	having elastic housing
E03C 1/294	...	with provisions against loss of water lock
E03C 1/295	....	using air-supply valves
E03C 1/296	....	using water-supply valves
E03C 1/298	...	consisting only of non-return valve
E03C 1/30	..	Devices to facilitate removing of obstructions in waste-pipes or sinks {for use in sewer pipes or both in waste and sewer pipes E03F 9/00 }
E03C 1/302	...	using devices moved through the pipes {and simultaneously rotated by means of a cable or rods E03F 9/005 }
E03C 1/304	...	using fluid under pressure
E03C 1/306	....	by means of a tube connected to the water mains
E03C 1/308	....	by means of a pumping device
E03C 1/32	..	Holders or supports for basins
E03C 1/322	...	connected to the wall only
E03C 1/324	....	adjustable
E03C 1/326	...	resting on the floor
E03C 1/328	....	adjustable
E03C 1/33	...	Fastening sinks or basins in an apertured support
E03C 1/335	....	{ the fastening means comprising a screw }

- E03C 2001/00** **Domestic plumbing installations for fresh water or waste water; Sinks** **{(work tops [A47B 77/02B](#))}**
- [E03C 2001/005](#) . Installations allowing recovery of heat from waste water for warming up fresh water
- [E03C 2001/02](#) . Plumbing installations for fresh water
- [E03C 2001/026](#) .. with flow restricting devices
- [E03C 2001/028](#) .. Alignment aids for plumbing installations
- [E03C 2001/04](#) .. Water-basin installations specially adapted to wash-basins or baths ([valves, faucets, mixing valves, taps F16K](#))
- [E03C 2001/0414](#) ... allowing different orientations of the spout or the outlet nozzle
- [E03C 2001/0415](#) ... having an extendable water outlet
- [E03C 2001/0416](#) ... using a socket for mounting of faucet
- [E03C 2001/0417](#) ... having space-saving features, e.g. retractable, demountable
- [E03C 2001/0418](#) ... having temperature indicating means
- [E03C 2001/08](#) .. Jet regulators **{or jet guides}**, e.g. anti-splash devices
- [E03C 2001/082](#) ... Outlets connected by an universal joint
- [E03C 2001/12](#) . Plumbing installation for waste water; Basins or fountains connected thereto ([drainage devices in floors E03F 5/04](#)); Sinks **{(wash-basins not connected to the waste-pipe [A47K 1/04](#))}**
- [E03C 2001/1206](#) .. Pipes with specific features for influencing flow characteristics
- [E03C 2001/1213](#) .. Constructional features of bidet bowls; adapters for using other sanitary appliances as bidet
- [E03C 2001/22](#) .. Outlet devices mounted in basins, baths, or sinks ([stoppers A47K 1/14](#))
- [E03C 2001/23](#) ... with mechanical closure mechanisms
- [E03C 2001/2311](#) the actuation force being magnetic or electromagnetic
- [E03C 2001/2313](#) the actuation force being pneumatic or hydraulic
- [E03C 2001/2315](#) the actuation force created by a turning movement of a handle
- [E03C 2001/2317](#) transmission of actuation force involves a spring
- [E03C 2001/24](#) .. Overflow devices for basins or baths ([E03C 1/232 takes precedence](#))
- [E03C 2001/2406](#) ... Overflow alarm devices
- [E03C 2001/2413](#) ... Covers for temporarily closing off overflow outlets
- [E03C 2001/32](#) .. Holders or supports for basins
- [E03C 2001/321](#) ... Siphon or angle valve covers
- E03C 2201/00** **Details, devices or methods not otherwise provided for**
- [E03C 2201/30](#) . Diverter valves in faucets or taps
- [E03C 2201/40](#) . Arrangement of water treatment devices in domestic plumbing installations
- [E03C 2201/45](#) .. for carbonated water

- [E03C 2201/50](#) . Constructional features of escutcheons for domestic plumbing installations
- [E03C 2201/60](#) . Reducing noise in plumbing systems
- [E03C 2201/70](#) . Reducing or removing limescale at spout outlet
- [E03C 2201/80](#) . Combined water inlet and outlet devices
- [E03C 2201/90](#) . Basins movable between several positions